



July 5, 2006

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, NY 12603

Subject: | Serial No. 10/813,864 | 03/31/04 |

Taner Dosluoglu et al.

RED/GREEN PIXEL WITH SIMULTANEOUS
EXPOSURE AND IMPROVED MTF

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation In An Application.

The following Patents and/or Publications are submitted to comply with the duty
of disclosure under CFR 1.97-1.99 and 37 CFR 1.56.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States
Postal Service as first class mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on July 5, 2006.

Stephen B. Ackerman, Reg. # 37761

Signature/Date  7/5/06

U.S. Patent 5,965,875 to Merrill, "Color Separation in an Active Pixel Cell Imaging Array Using a Triple-Well Structure," discloses a digital imager apparatus using the differences in absorption length in silicon of light of different wavelengths for color separation.

U.S. Patent 4,613,895 to Burkey et al., "Color Responsive Imaging Device Employing Wavelength Dependent Semiconductor Optical Absorption," discloses an image sensing element in a solid state imaging device with a plurality of superposed channels disposed at respective distances from a light receiving surface of the device, each of such channels having a different characteristic spectral response due to the differential absorption of light by a semiconductor.

U.S. Patent 4,309,604 to Yoshikawa et al., "Apparatus for Sensing the Wavelength and Intensity of Light," discloses a solid state wavelength detection system responding to output signals derived from a photoelectric semiconductor device.

U.S. Patent 4,011,016 to Layne et al., "Semiconductor Radiation Wavelength Detector," discloses a double-layer photodiode created in an integral structure to form two diodes, the upper diode having a relatively thin active region and the lower diode a relatively thick active region.

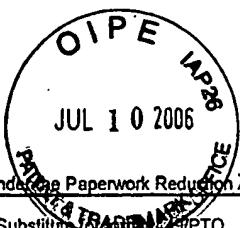
International Patent Application WO 00/62350 to Merrill et al., “Multiple Storage Node Full Color Active Pixel Sensors,” discloses arrays of active pixel sensors wherein each of the active pixel sensors is a triple-junction structure to ensure that each pixel sensor in the array measures each of the three primary colors (R-G-B) in the same location.

European Patent Application EP 0 949 689 A2 to Takizawa, “Epitaxial Semiconductor Substrate and Manufacturing Method Thereof; Manufacturing Method of Semiconductor Device and of Solid-State Imaging Device,” discusses how the quality of epitaxial semiconductor substrates treated by carbon gettering is evaluated precisely and quickly to use only good-quality ones for manufacturing good-property semiconductor devices, such as solid-state imaging devices.

Sincerely,



Stephen B. Ackerman,
Reg. No. 37761



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute TRADEMARK PTO

Complete if Known

Application Number	101813,864
Filing Date	03/31/04
First Named Inventor	Tamer Dosluoglu et al.
Art Unit	
Examiner Name	

Sheet

of

Attorney Docket Number DSR-14452

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,965,875	10/12/99	Merrill	
		US- 4,613,895	09/23/86	Burken et al.	
		US- 4,309,604	01/05/82	Yoshikawa et al.	
		US- 4,011,016	03/08/77	Layne et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		EPO 949 689 A2	10/13/99	Takizawa		
		WO 00/62350	10/19/00	Merrill		

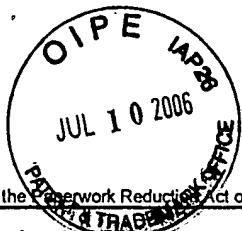
Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (07-05)

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Substitute for form 1449/1-1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

<p align="center">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p align="center">(Use as many sheets as necessary)</p>				Complete if Known			
				Application Number		10/813,864	
				Filing Date		03/31/04	
				First Named Inventor		Tamer Dosluoglu et al.	
				Art Unit			
Examiner Name							
Sheet		of		Attorney Docket Number			
				DSR-14452			

NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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